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PATENT  
Attorney Docket No. CAP-001

JC903 U.S. PTO  
10/080878  
02/22/02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Trevithick et al.  
SERIAL NO.: Not Yet Assigned GROUP NO.: Not Yet Assigned  
FILING DATE: Herewith EXAMINER: Not Yet Assigned  
TITLE: Characterizing Relationships in Social Networks

Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

**REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

#### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

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FORM PTO - 1449

## INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: CAP-001

APPLICANT(S): Trevithick et al.

SERIAL NO.: Not Yet Assigned

FILING DATE: Herewith GROUP: Not Yet Assigned

## U.S. PATENT DOCUMENTS

| EXAM.<br>INIT. |     | DOCUMENT<br>NUMBER | DATE     | NAME                | CLASS | SUB<br>CLASS | FILING DATE IF<br>APPROPRIATE |
|----------------|-----|--------------------|----------|---------------------|-------|--------------|-------------------------------|
|                | A1  | 3,568,156          | 3/2/71   | Thompson            | 340   | 172.5        | 8/9/67                        |
|                | A2  | 4,625,295          | 11/25/86 | Skinner             | 364   | 900          | 1/12/83                       |
|                | A3  | 4,833,610          | 5/23/89  | Zamora et al.       | 364   | 419          | 3/7/88                        |
|                | A4  | 5,371,673          | 12/6/94  | Fan                 | 364   | 419.01       | 4/7/93                        |
|                | A5  | 5,544,305          | 8/6/96   | Ohmaye et al.       | 395   | 161          | 1/25/94                       |
|                | A6  | 5,722,418          | 3/3/98   | Bro                 | 128   | 732          | 9/30/94                       |
|                | A7  | 5,764,974          | 6/9/98   | Walster et al.      | 395   | 606          | 8/30/95                       |
|                | A8  | 5,913,212          | 6/15/99  | Sutcliffe et al.    | 707   | 6            | 6/13/97                       |
|                | A9  | 5,956,667          | 9/21/99  | Higginbotham et al. | 704   | 1            | 11/8/96                       |
|                | A10 | 5,960,173          | 9/28/99  | Tang et al.         | 395   | 200.31       | 12/22/95                      |
|                | A11 | 5,963,951          | 10/5/99  | Collins             | 707   | 102          | 6/30/97                       |
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|                | A16 | 6,115,709          | 9/5/00   | Gilmour et al.      | 707   | 9            | 9/18/98                       |
|                | A17 | 6,157,913          | 12/5/00  | Bernstein           | 704   | 275          | 11/2/98                       |
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|                | A19 | 6,173,261 B1       | 1/9/01   | Arai et al.         | 704   | 257          | 12/21/98                      |
|                | A20 | 6,181,531 B1       | 1/30/01  | Koshikawa et al.    | 360   | 294.4        | 11/10/98                      |
|                | A21 | 6,185,527 B1       | 2/6/01   | Petkovic et al.     | 704   | 231          | 1/19/99                       |
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|--|---|---|-------------|---------------------|--|------------------|--------------------|----------------------|---------------------------|
| <b>FORM PTO - 1449</b>                   |   |   |             |                     | <b>ATTORNEY DOCKET NO.: CAP-001</b>                  |                  |                    |                      |                           |
| <b>INFORMATION DISCLOSURE STATEMENT</b>  |   |   |             |                     | <b>APPLICANT(S): Trevithick et al.</b>               |                  |                    |                      |                           |
|  |   |   |             |                     | <b>SERIAL NO.: Not Yet Assigned</b>                  |                  |                    |                      |                           |
|  |   |   |             |                     | <b>FILING DATE: Herewith GROUP: Not Yet Assigned</b> |                  |                    |                      |                           |
| <b>FOREIGN PATENT DOCUMENTS</b>          |   |   |             |                     |  |                  |                    |                      |                           |
| <b>EXAM. INIT.</b>                       |   | <b>DOCUMENT NUMBER</b>  | <b>DATE</b> | <b>COUNTRY CODE</b> | <b>CLASS</b>   | <b>SUB CLASS</b> | <b>FILING DATE</b> | <b>ABSTRACT ONLY</b> | <b>ENGLISH LANG (Y/N)</b> |
|  |   |   |             |                     |  |                  |                    |                      |                           |
|  |   |   |             |                     |  |                  |                    |                      |                           |
|  |   |   |             |                     |  |                  |                    |                      |                           |
|  |   |   |             |                     |  |                  |                    |                      |                           |
| <b>OTHER ART, JOURNAL ARTICLES, ETC.</b> |   |   |             |                     |  |                  |                    |                      |                           |
| <b>EXAM. INIT.</b>                       | <b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b> |   |             |                     |  |                  |                    |                      |                           |
|  | C1  | "Studying On-line Social Networks," Garton et al.; available web site <a href="http://ascusc.org/jcmc/vol3/issue1/garton.html">http://ascusc.org/jcmc/vol3/issue1/garton.html</a> ; JCMC 3, June 1, 1997, pages 1-30  |             |                     |  |                  |                    |                      |                           |
|  | C2  | "Social Relationships in Electronic Forums" by Kling; available web site: <a href="http://www.december.com/cmc/mag/1996/jul/kling.html">www.december.com/cmc/mag/1996/jul/kling.html</a> ; CMC Magazine, July 1996; pages 1-28  |             |                     |  |                  |                    |                      |                           |
|  | C3  | "Intelligent Filtering of Computer-Mediated Human Communication" available web site <a href="http://www.dsv.su.se/%7Efk/if_Doc/IntFilter.html">www.dsv.su.se/%7Efk/if_Doc/IntFilter.html</a> ; pages 1-4  |             |                     |  |                  |                    |                      |                           |
|  | C4  | Anthropac Version 4.98, available web site <a href="http://www.analytictech.com/apacdesc.html">www.analytictech.com/apacdesc.html</a> ; pages 1-2   |             |                     |  |                  |                    |                      |                           |
|  | C5  | "Independent Technical Review of the Carnivore System- Draft Report" Smith et al.; available web site <a href="http://www.usdoj.gov/jmd/publications/carnivore_draft_1.pdf">http://www.usdoj.gov/jmd/publications/carnivore_draft_1.pdf</a> ; November 17, 2000                             |             |                     |  |                  |                    |                      |                           |
|  | C6  | "Carnivore FAQ (Frequently Asked Questions)" by Robert Graham; available web site <a href="http://www.robertgraham.com/pubs/carnivore-faq.html">http://www.robertgraham.com/pubs/carnivore-faq.html</a> ; version 3, October 6, 2001, pages 1-23  |             |                     |  |                  |                    |                      |                           |
|  | C7  | "Getting Past Carnivore" by sil; available web site <a href="http://linuxnewbie.org/articles/carnivore.html">http://linuxnewbie.org/articles/carnivore.html</a>   |             |                     |  |                  |                    |                      |                           |
|  | C8  | "Security firm tests FBI limits with e-mail surveillance tool" available web site <a href="http://www.cnn.com/2000/TECH/computing/09/19/email.surveillance.ap/index.html">http://www.cnn.com/2000/TECH/computing/09/19/email.surveillance.ap/index.html</a> ; September 19, 2000, pages 1-3 |             |                     |  |                  |                    |                      |                           |
|  | C9  | "Codex Data Systems" available web site <a href="http://www.codexdatasystems.com/menu.html">http://www.codexdatasystems.com/menu.html</a> ; pages 1-2   |             |                     |  |                  |                    |                      |                           |
|  | C10   | "Remote Control PC 2000" available web site <a href="http://www.system-detective.com/remotepc.html">http://www.system-detective.com/remotepc.html</a> ; pages 1-4   |             |                     |  |                  |                    |                      |                           |
|  | C11   | "Resoft International" available web site <a href="http://www.re-soft.com/customer/aetna.html">http://www.re-soft.com/customer/aetna.html</a> ; pages 1-2   |             |                     |  |                  |                    |                      |                           |
|  | C12   | "ZDNet Reviews" available web site <a href="http://www.zdnet.com/zdhelp/stories/main/0.4161.2631218-1.00.html">http://www.zdnet.com/zdhelp/stories/main/0.4161.2631218-1.00.html</a>  |             |                     |  |                  |                    |                      |                           |
| <b>EXAMINER</b>                          |   |   |             |                     | <b>DATE CONSIDERED</b>                               |                  |                    |                      |                           |